

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029510.D
 Acq On : 15 Jun 2022 17:08
 Operator : JC/MD
 Sample : N3304-03
 Misc : 7.77g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-9

Quant Time: Jun 15 18:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

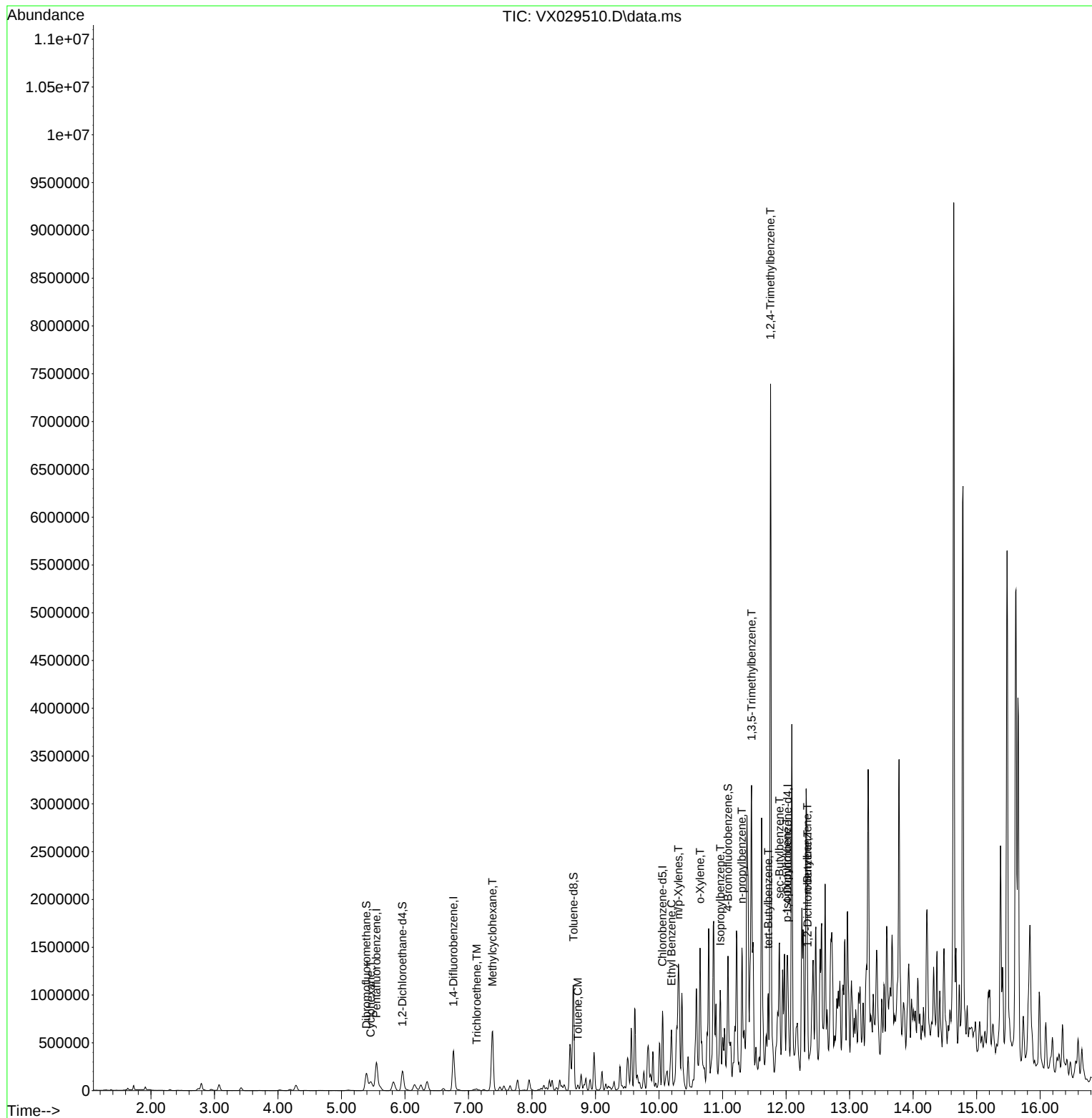
Internal Standards						
1) Pentafluorobenzene	5.550	168	280385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	454935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214405	50.243	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.480%		
35) Dibromofluoromethane	5.391	113	172863	44.695	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 89.400%		
50) Toluene-d8	8.653	98	680002	49.713	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.420%		
62) 4-Bromofluorobenzene	11.085	95	257577	48.119	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 96.240%		
Target Compounds						
						Qvalue
31) Cyclohexane	5.458	56	64742	8.518	ug/l	96
39) Methylcyclohexane	7.379	83	292163	37.127	ug/l	93
44) Trichloroethene	7.129	130	6898	1.332	ug/l	99
52) Toluene	8.720	92	18325	1.501	ug/l	100
67) Ethyl Benzene	10.195	91	294804	16.177	ug/l	100
68) m/p-Xylenes	10.305	106	213870	30.333	ug/l	95
69) o-Xylene	10.646	106	295318	43.103	ug/l	96
73) Isopropylbenzene	10.963	105	446575	32.301	ug/l	98
78) n-propylbenzene	11.305	91	802908	51.178	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1276237	108.713	ug/l	100
83) tert-Butylbenzene	11.719	119	38788	3.405	ug/l	81
84) 1,2,4-Trimethylbenzene	11.756	105	2961000	255.538	ug/l	98
85) sec-Butylbenzene	11.896	105	456648	32.647	ug/l #	78
86) p-Isopropyltoluene	12.012	119	347918	29.670	ug/l	98
89) n-Butylbenzene	12.335	91	444286	44.939	ug/l #	43
91) 1,2-Dichlorobenzene	12.341	146	19299	3.142	ug/l #	81

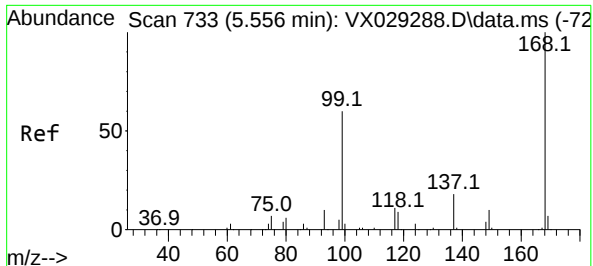
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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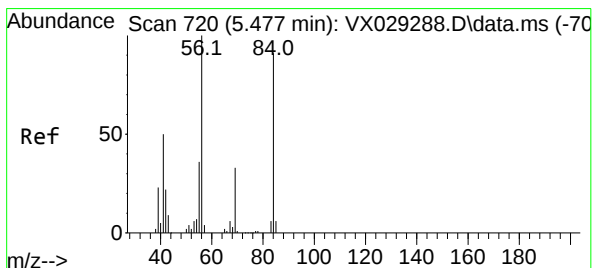
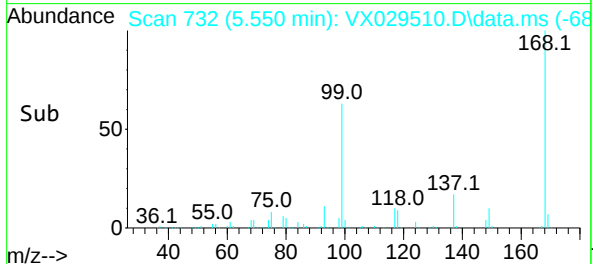
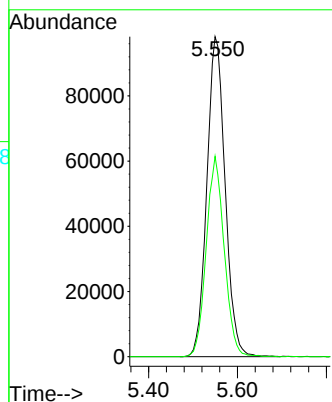
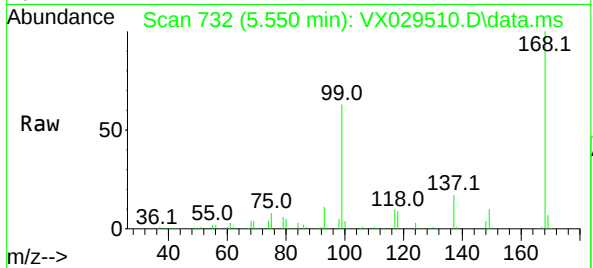




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

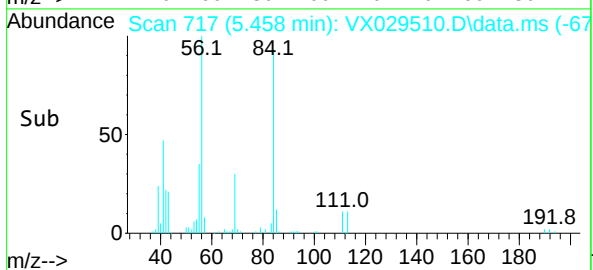
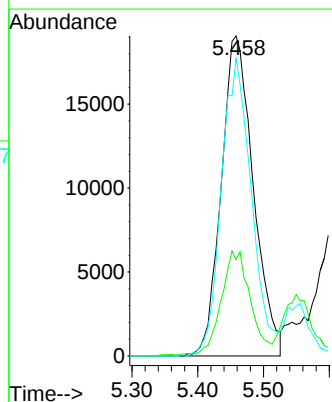
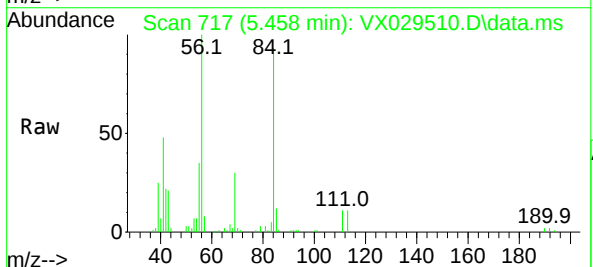
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-9

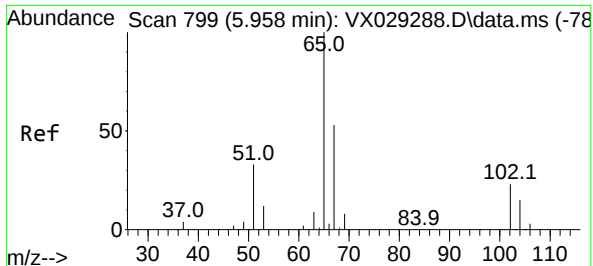
Tgt Ion:168 Resp: 280385
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#31
Cyclohexane
Concen: 8.518 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.019 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

Tgt Ion: 56 Resp: 64742
Ion Ratio Lower Upper
56 100
69 29.7 26.7 40.1
84 93.0 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.243 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

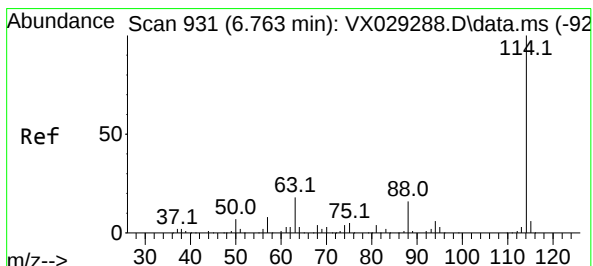
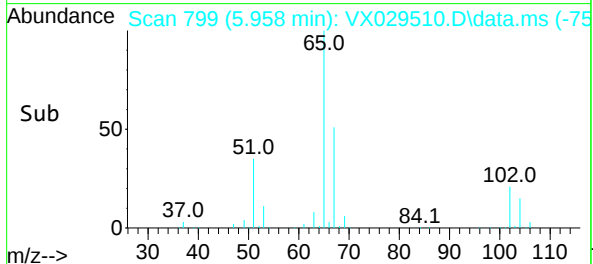
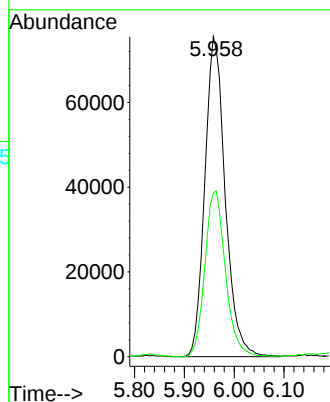
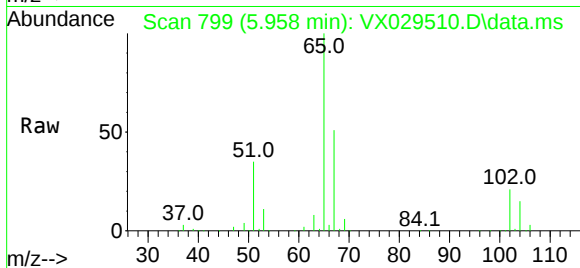
WC-14A-1A-9

Tgt Ion: 65 Resp: 214405

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

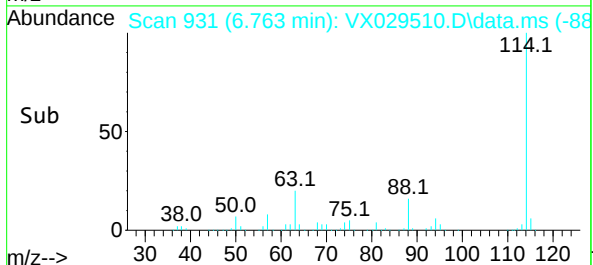
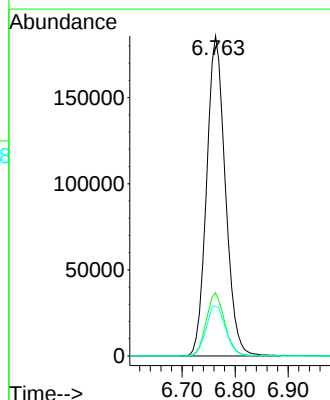
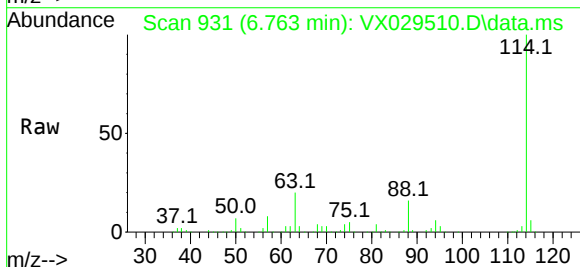
Tgt Ion: 114 Resp: 454935

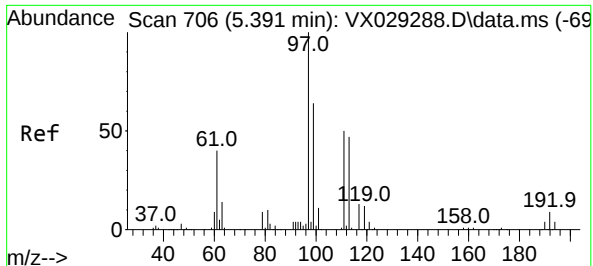
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 15.6 0.0 32.4

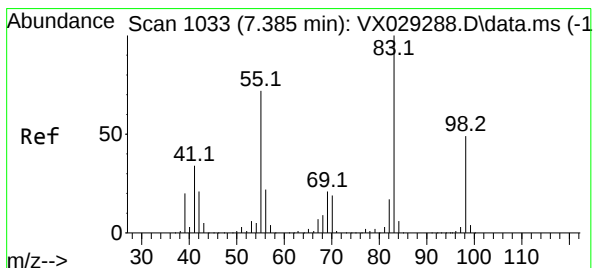
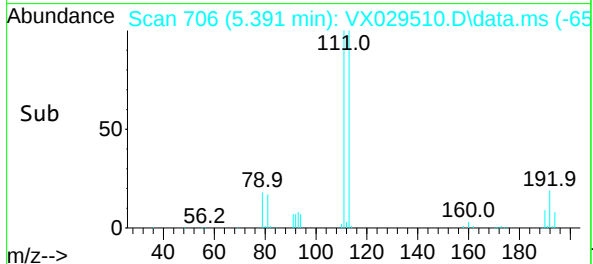
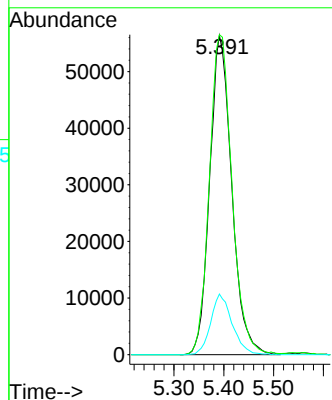
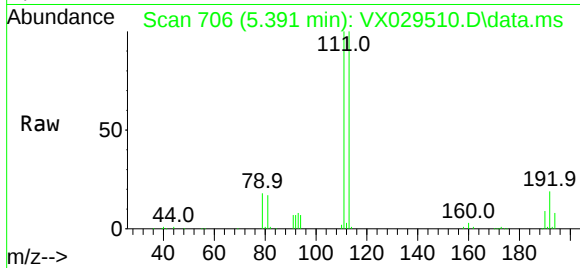




#35
Dibromofluoromethane
Concen: 44.695 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

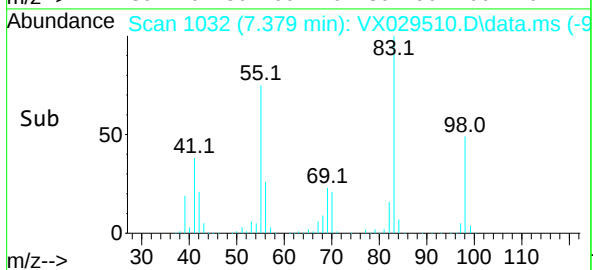
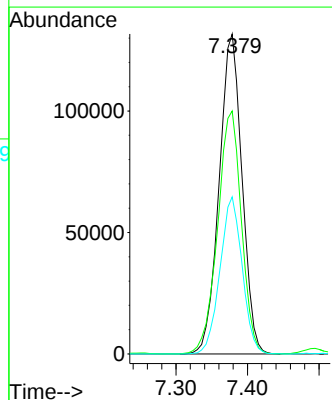
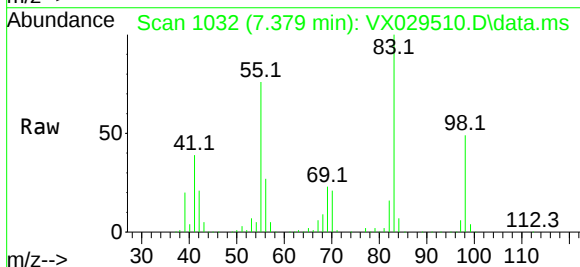
Instrument :
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WC-14A-1A-9

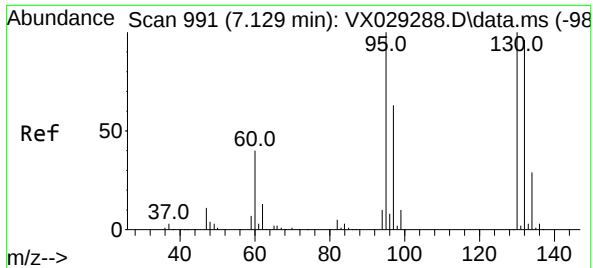
Tgt Ion:113 Resp: 172863
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 18.5 16.9 25.3



#39
Methylcyclohexane
Concen: 37.127 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

Tgt Ion: 83 Resp: 292163
Ion Ratio Lower Upper
83 100
55 75.9 54.6 81.8
98 49.1 37.4 56.2

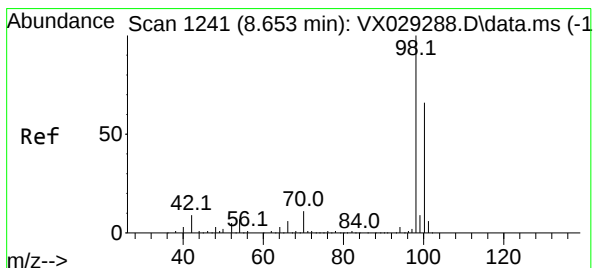
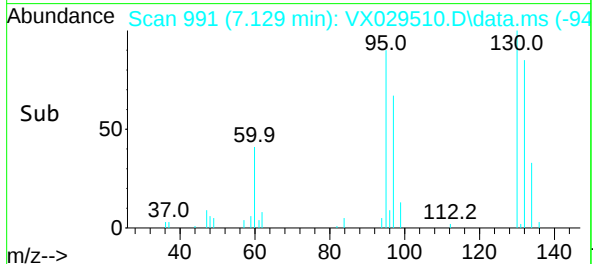
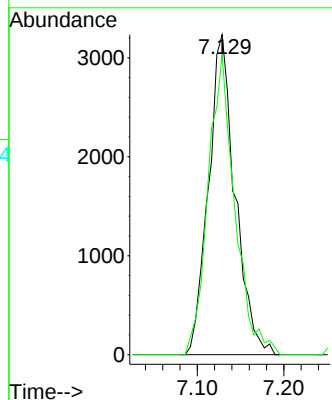
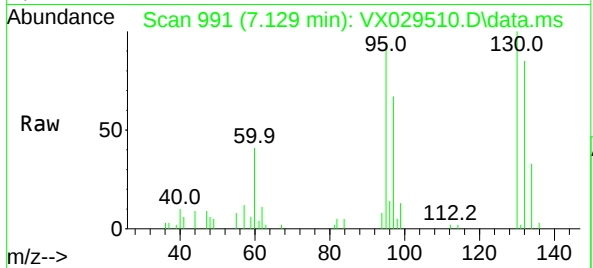




#44
Trichloroethene
Concen: 1.332 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

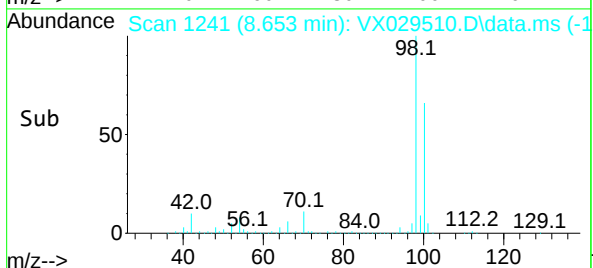
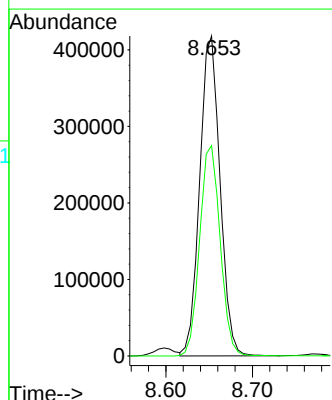
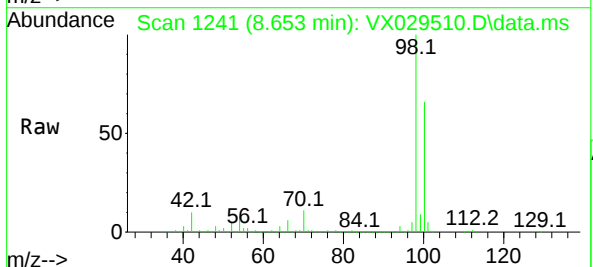
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-9

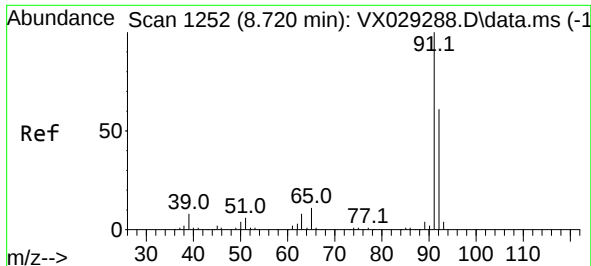
Tgt Ion:130 Resp: 6898
Ion Ratio Lower Upper
130 100
95 93.8 0.0 188.8



#50
Toluene-d8
Concen: 49.713 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

Tgt Ion: 98 Resp: 680002
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

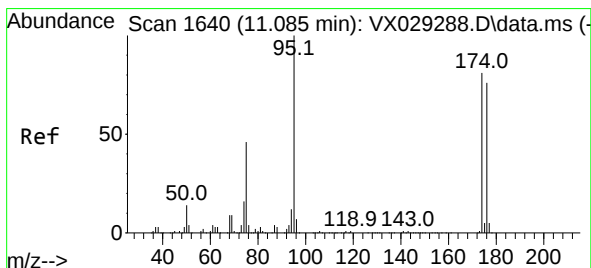
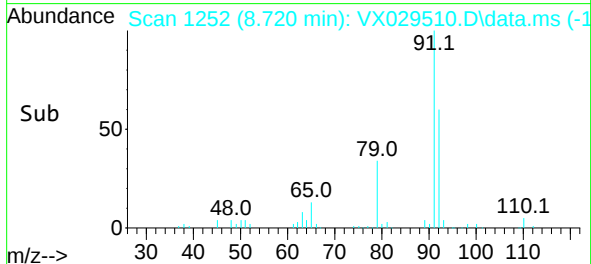
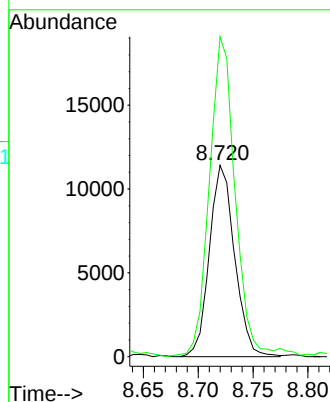
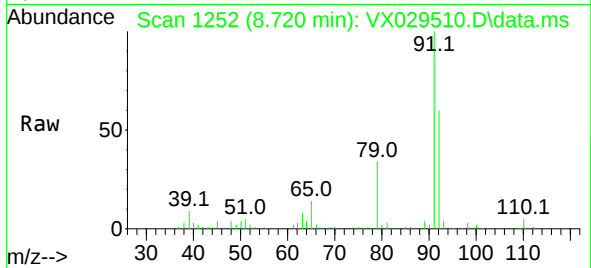




#52
Toluene
Concen: 1.501 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

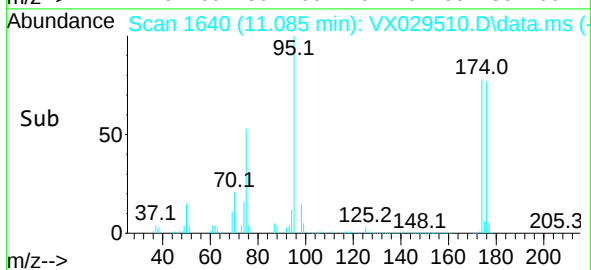
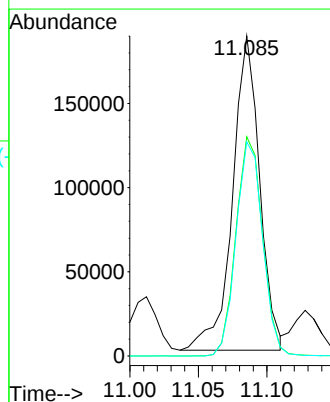
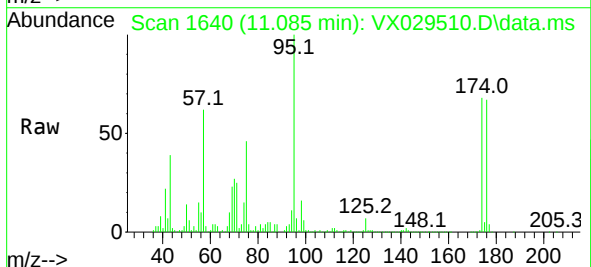
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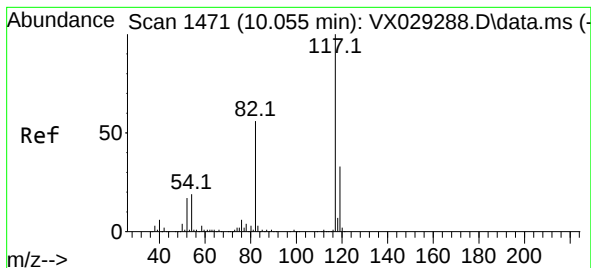
Tgt Ion: 92 Resp: 18325
Ion Ratio Lower Upper
92 100
91 172.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

Tgt Ion: 95 Resp: 257577
Ion Ratio Lower Upper
95 100
174 68.6 0.0 163.0
176 66.8 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-9

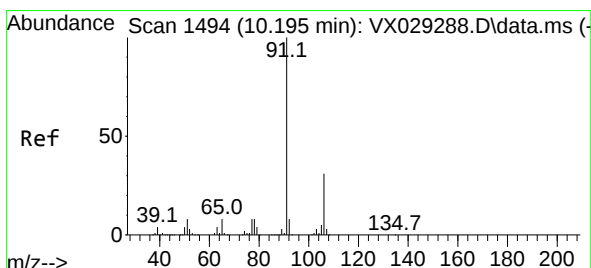
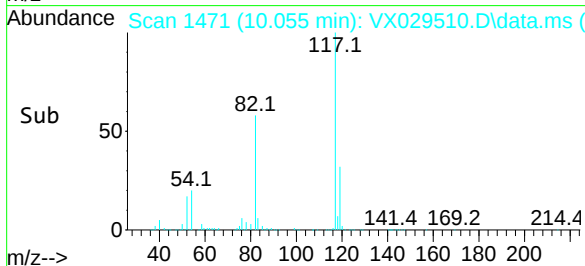
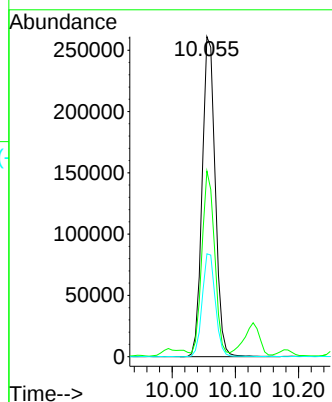
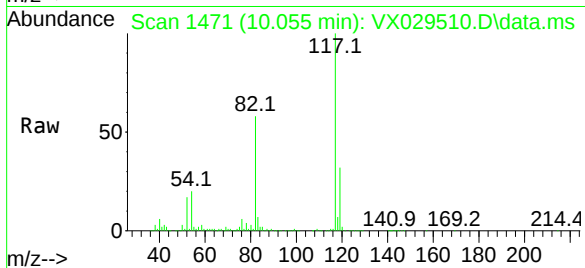
Tgt Ion:117 Resp: 376151

Ion Ratio Lower Upper

117 100

82 56.5 41.8 62.8

119 32.1 24.8 37.2



#67

Ethyl Benzene

Concen: 16.177 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029510.D

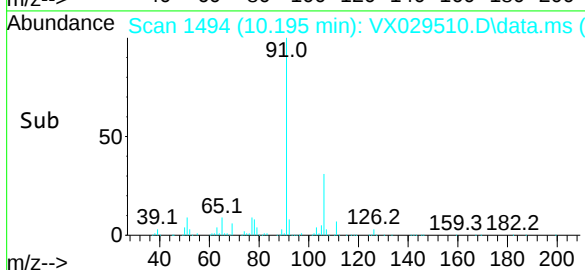
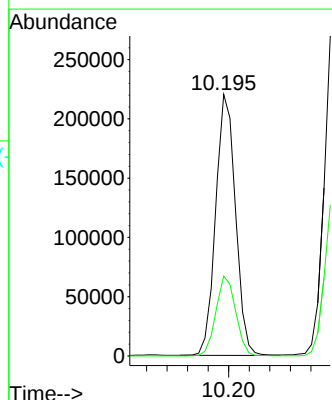
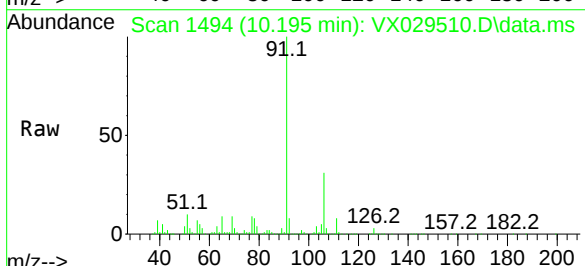
Acq: 15 Jun 2022 17:08

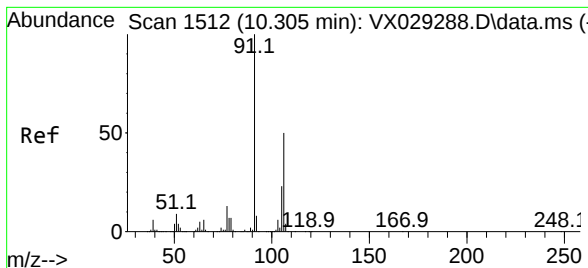
Tgt Ion: 91 Resp: 294804

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8

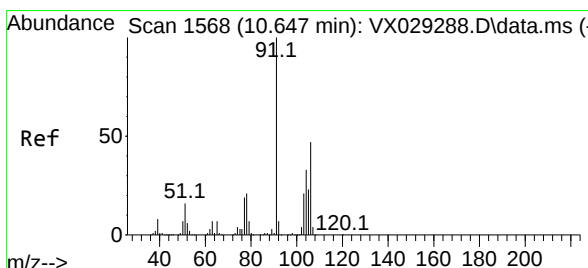
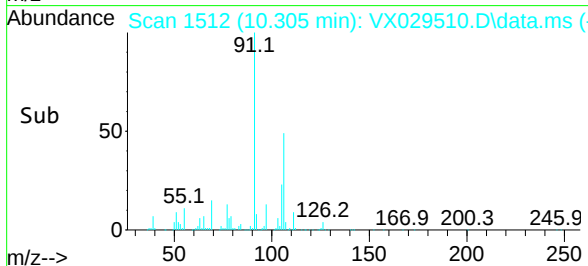
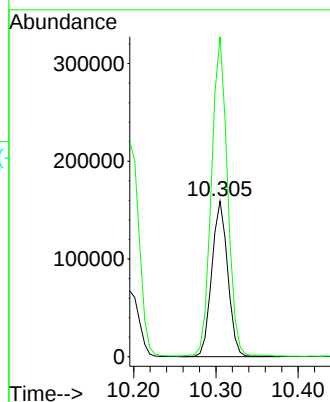
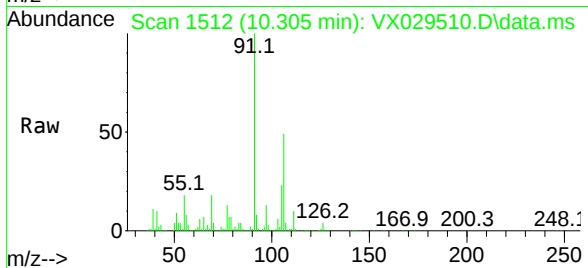




#68
m/p-Xylenes
Concen: 30.333 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

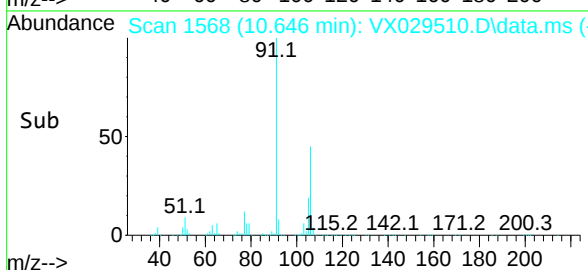
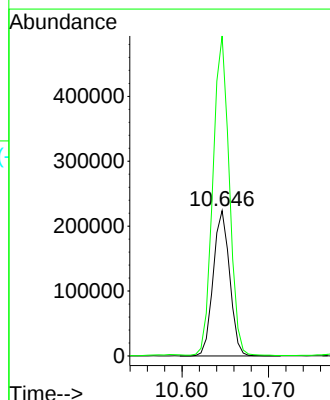
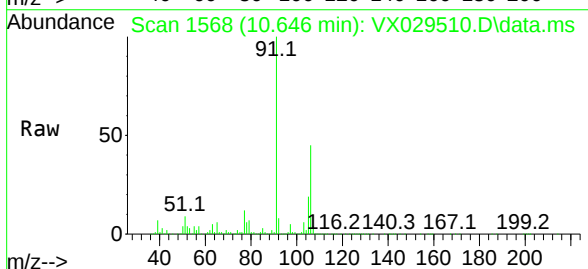
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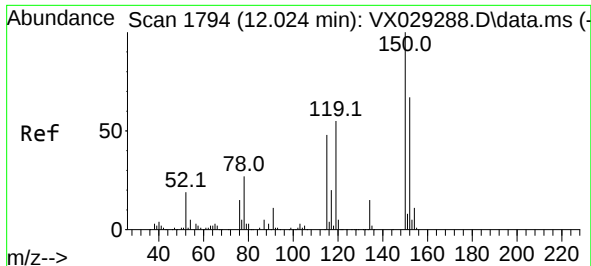
Tgt Ion:106 Resp: 213870
Ion Ratio Lower Upper
106 100
91 207.8 160.4 240.6



#69
o-Xylene
Concen: 43.103 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

Tgt Ion:106 Resp: 295318
Ion Ratio Lower Upper
106 100
91 218.9 106.1 318.1

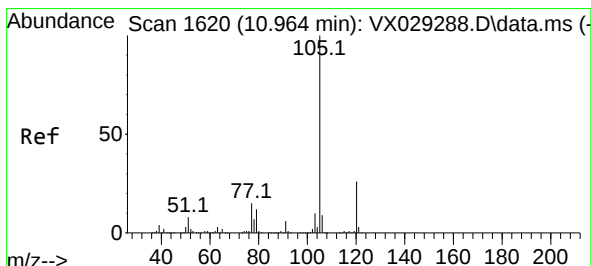
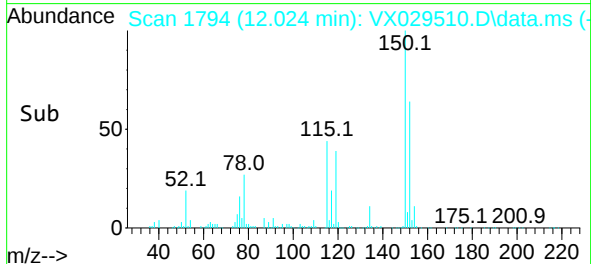
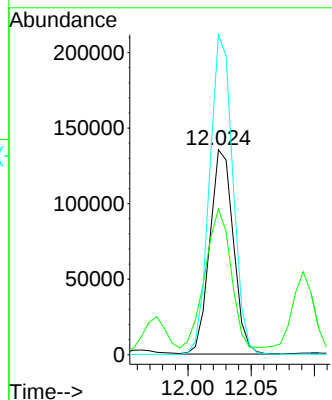
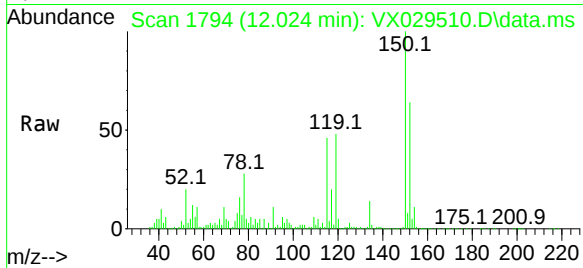




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

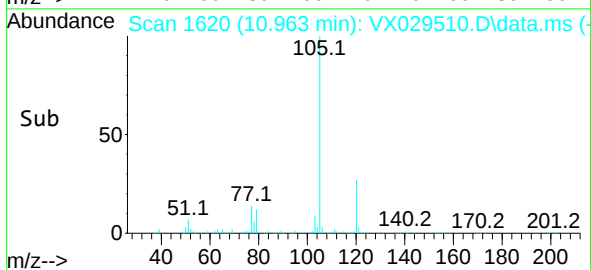
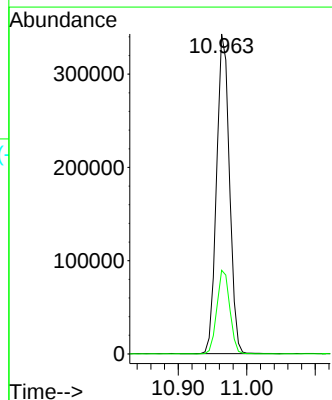
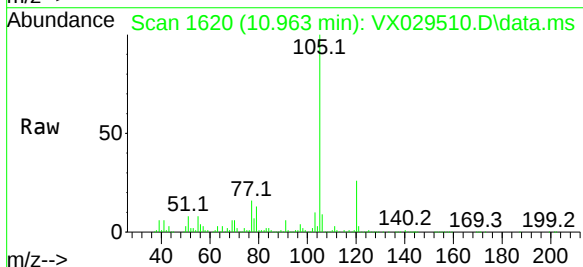
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-9

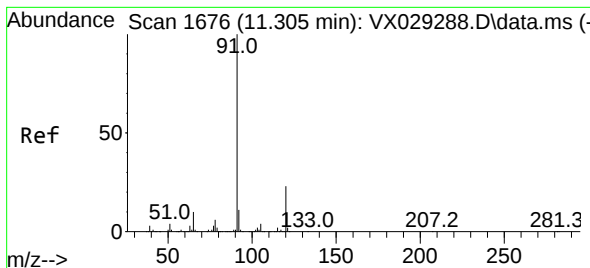
Tgt Ion:152 Resp: 175617
Ion Ratio Lower Upper
152 100
115 79.6 37.5 112.7
150 154.7 0.0 338.2



#73
Isopropylbenzene
Concen: 32.301 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029510.D
Acq: 15 Jun 2022 17:08

Tgt Ion:105 Resp: 446575
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5





#78

n-propylbenzene

Concen: 51.178 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

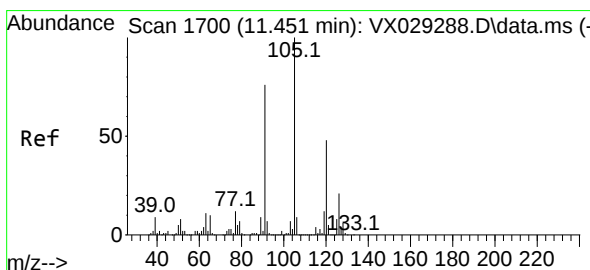
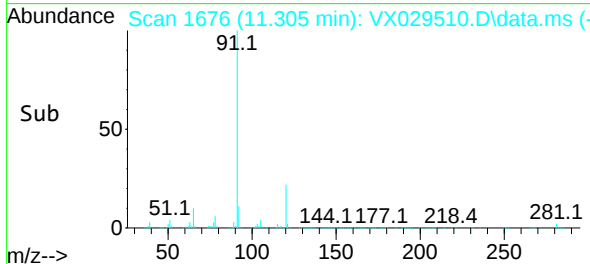
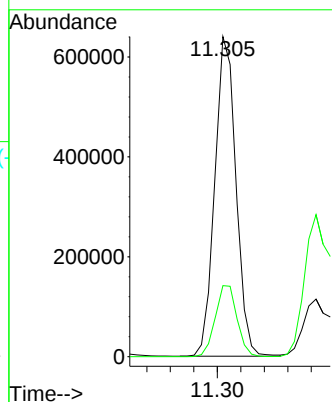
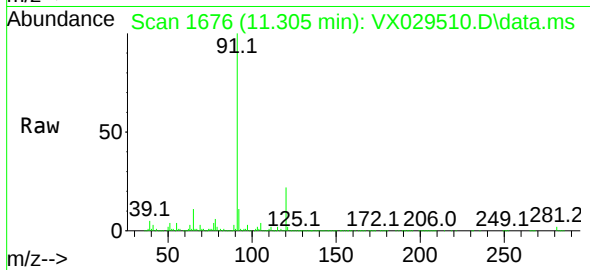
WC-14A-1A-9

Tgt Ion: 91 Resp: 802908

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 108.713 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX029510.D

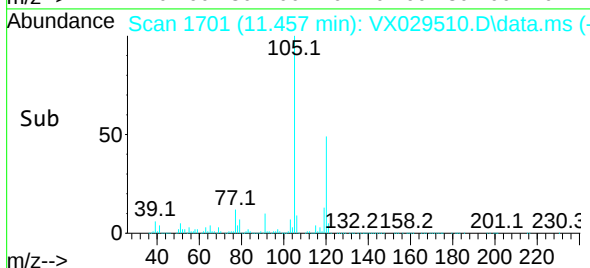
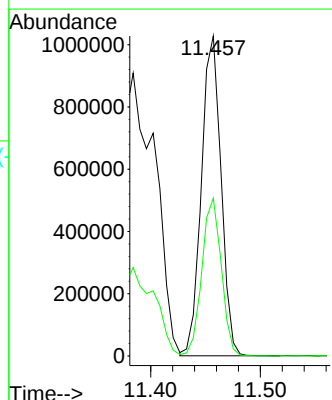
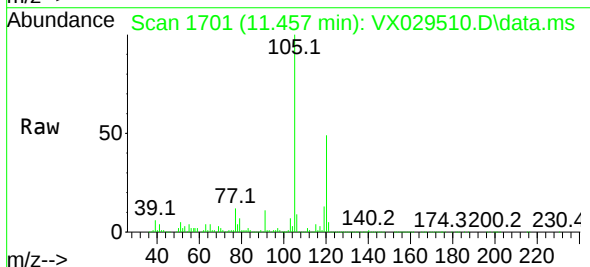
Acq: 15 Jun 2022 17:08

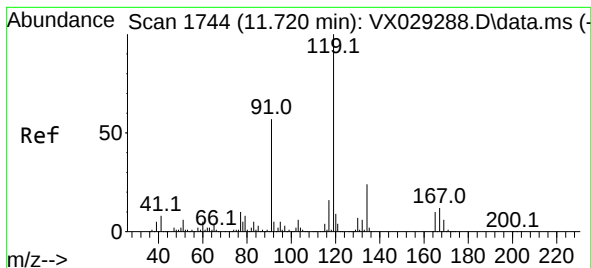
Tgt Ion:105 Resp: 1276237

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9





#83

tert-Butylbenzene

Concen: 3.405 ug/l

RT: 11.719 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-9

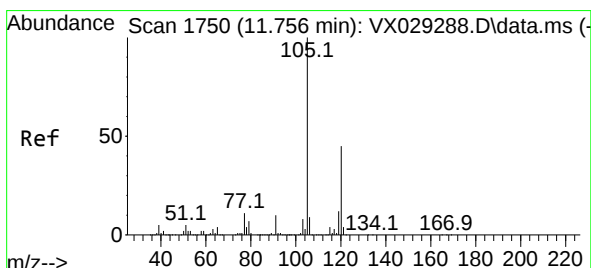
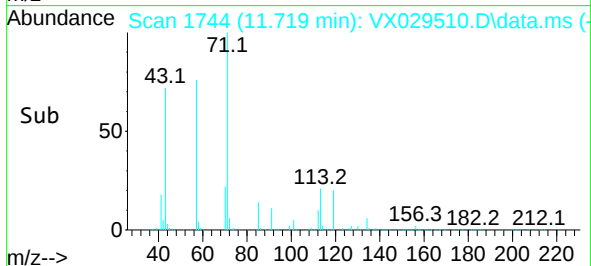
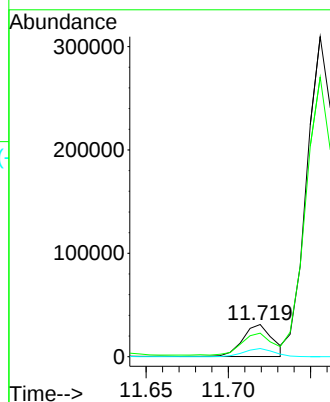
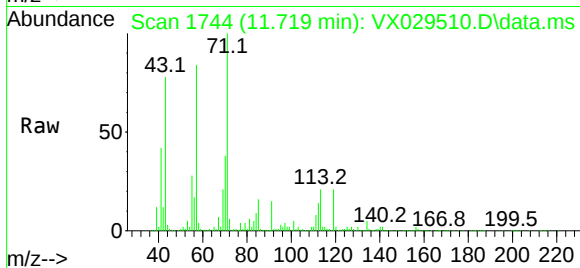
Tgt Ion:119 Resp: 38788

Ion Ratio Lower Upper

119 100

91 71.3 26.9 80.6

134 26.2 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 255.538 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029510.D

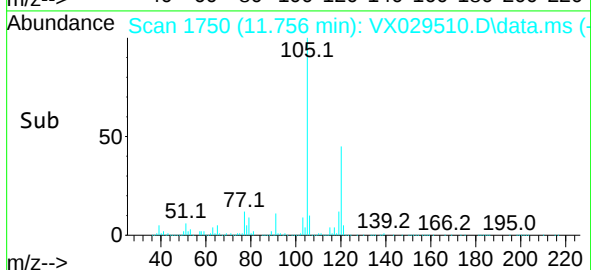
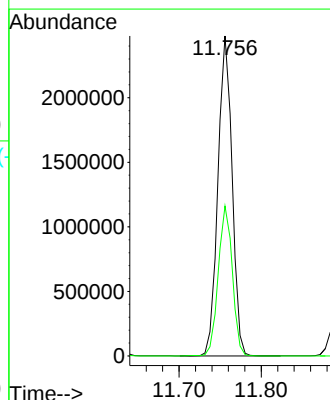
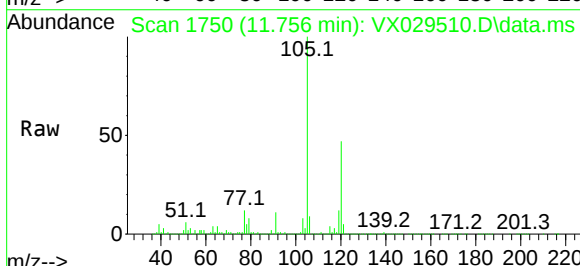
Acq: 15 Jun 2022 17:08

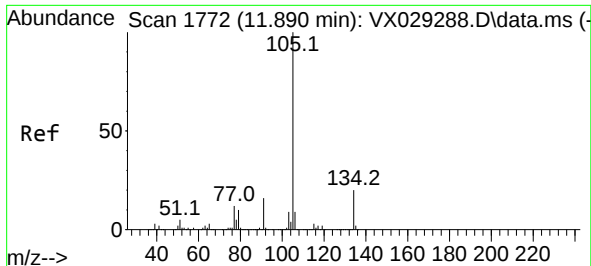
Tgt Ion:105 Resp: 2961000

Ion Ratio Lower Upper

105 100

120 46.6 22.6 67.8

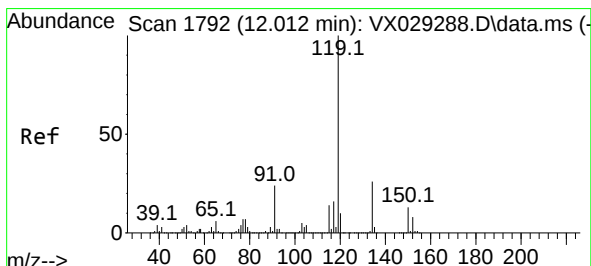
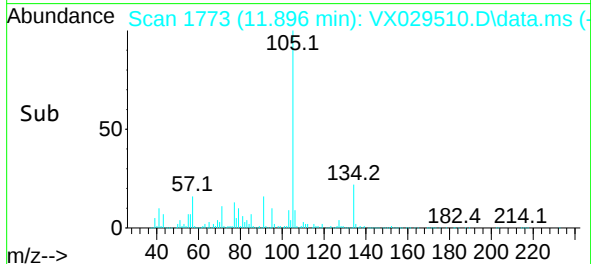
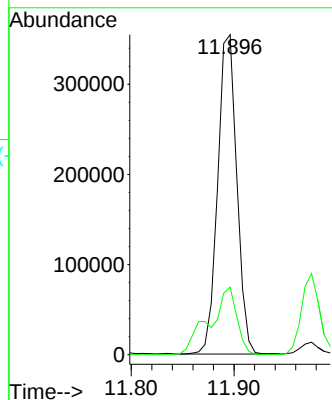
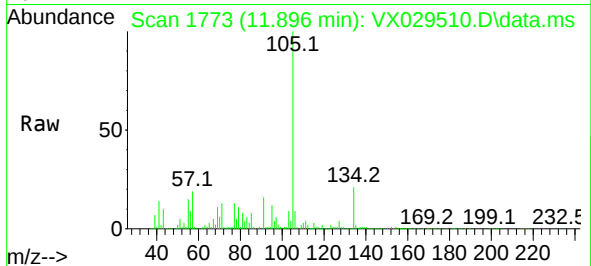




#85
 sec-Butylbenzene
 Concen: 32.647 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029510.D
 Acq: 15 Jun 2022 17:08

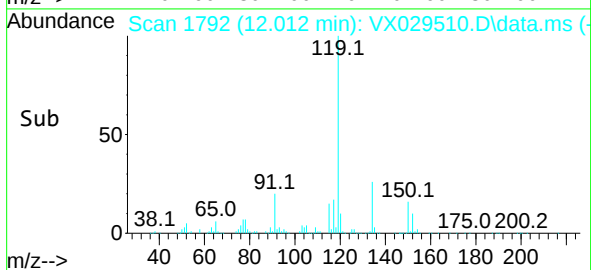
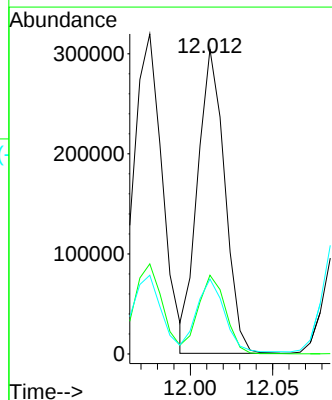
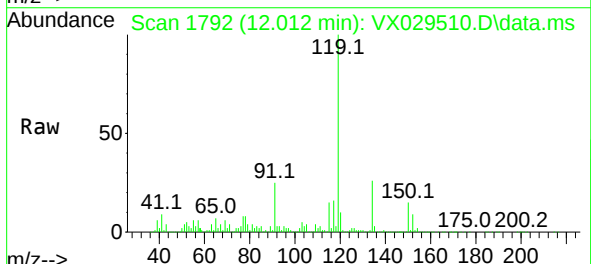
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-9

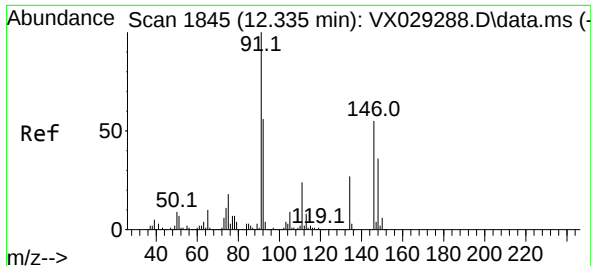
Tgt Ion:105 Resp: 456648
 Ion Ratio Lower Upper
 105 100
 134 30.5 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 29.670 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029510.D
 Acq: 15 Jun 2022 17:08

Tgt Ion:119 Resp: 347918
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.1 11.3 33.9





#89

n-Butylbenzene

Concen: 44.939 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-9

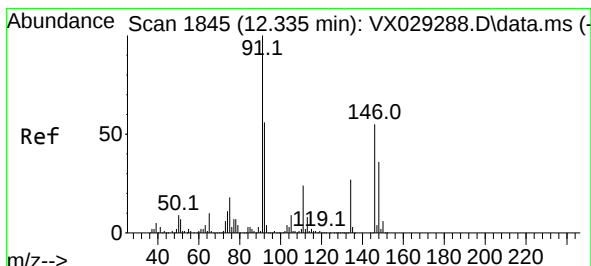
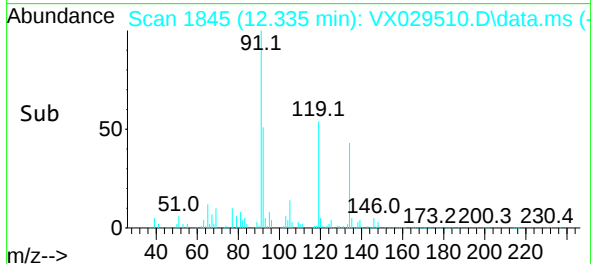
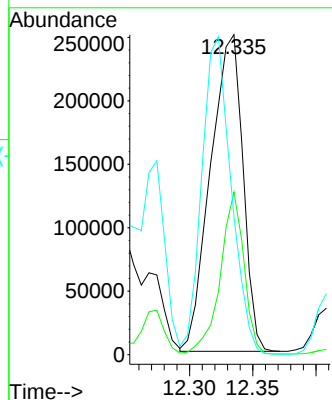
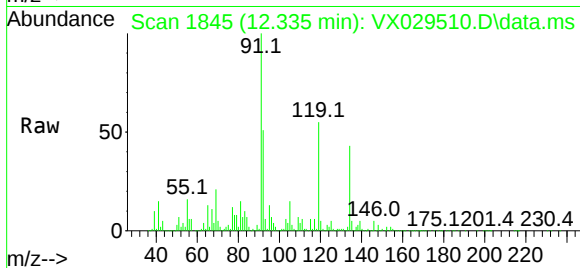
Tgt Ion: 91 Resp: 444286

Ion Ratio Lower Upper

91 100

92 37.3 27.8 83.3

134 90.3 13.3 39.8#



#91

1,2-Dichlorobenzene

Concen: 3.142 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX029510.D

Acq: 15 Jun 2022 17:08

Tgt Ion:146 Resp: 19299

Ion Ratio Lower Upper

146 100

111 72.5 21.0 63.0#

148 65.6 32.6 97.7

